

Inventor(s) Hazel Shackleton et al.  
 Ch. St. 1 of 10 Case No. P02, 0500  
H 0004263

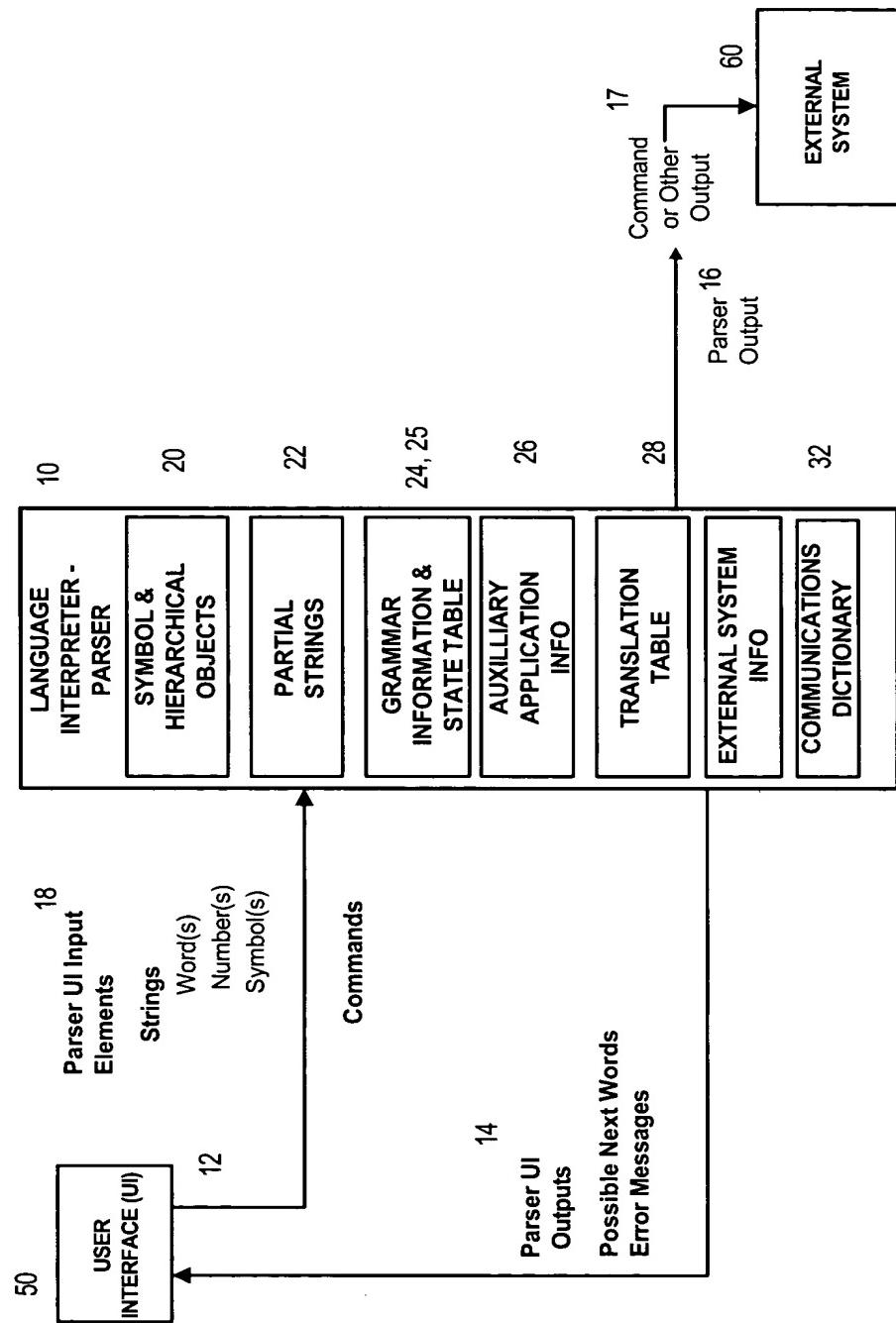
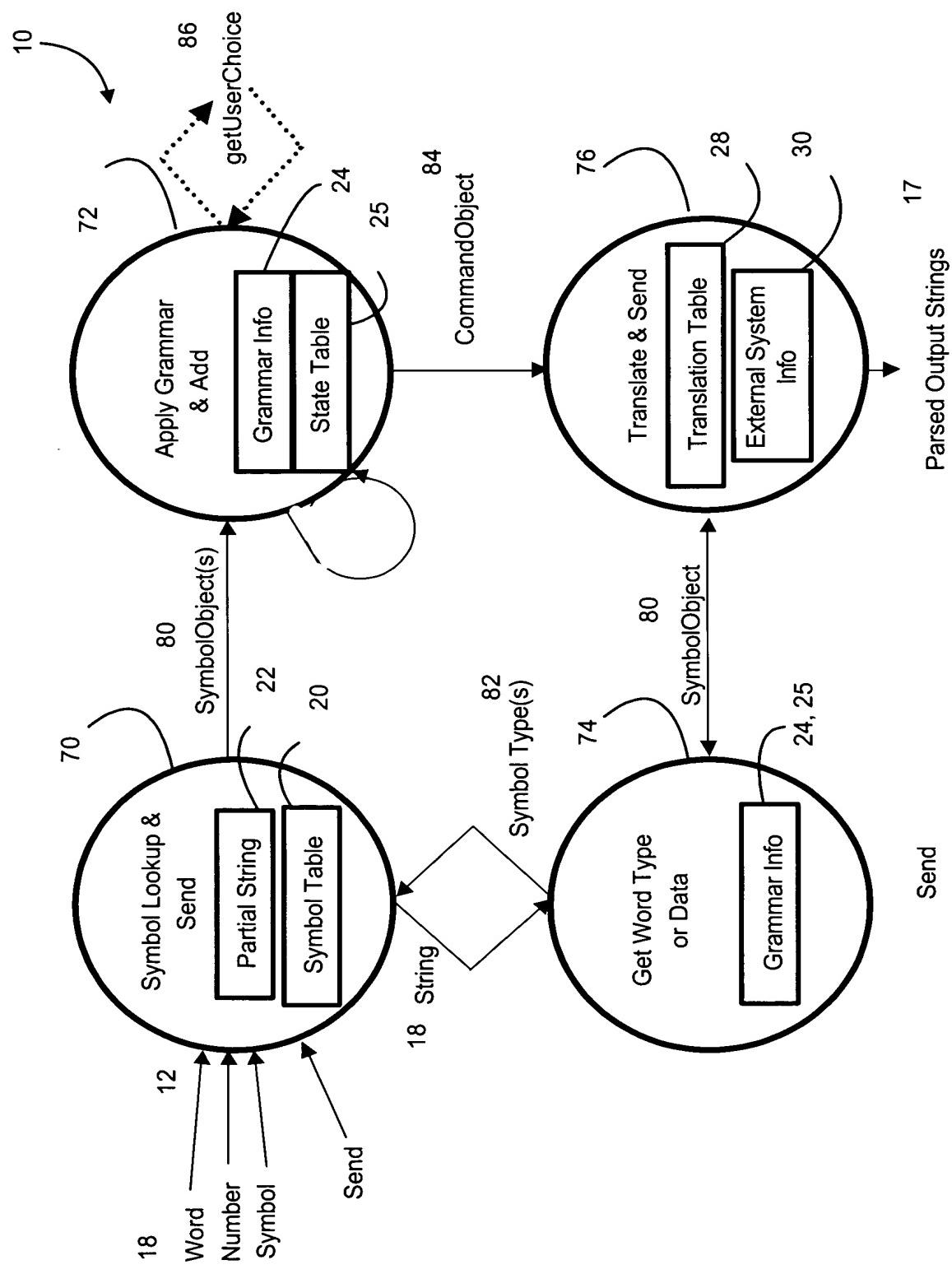


FIG. 1



**FIG. 2**

## PRE-PROCESSING STRINGS

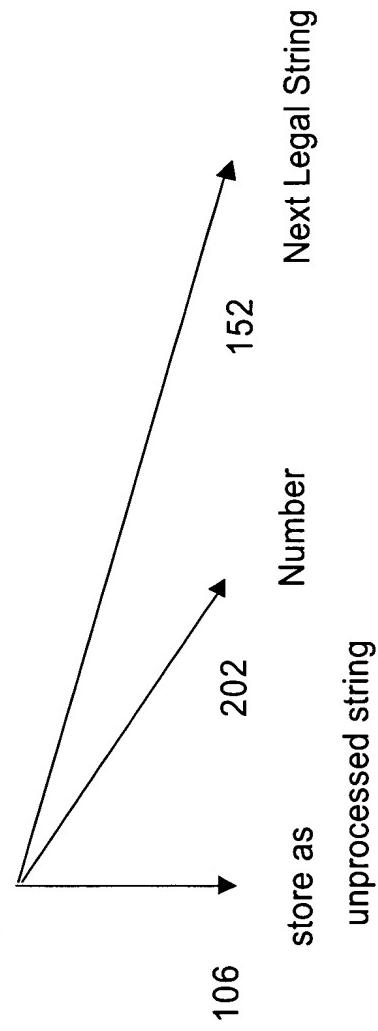
100

“String”  
102

104

String formatting is done:

- adding/removing spaces,
- identifying numbers,
- merging with old unprocessed strings,
- checking in Database



**FIG. 3**

PROCESSING STRINGS

150

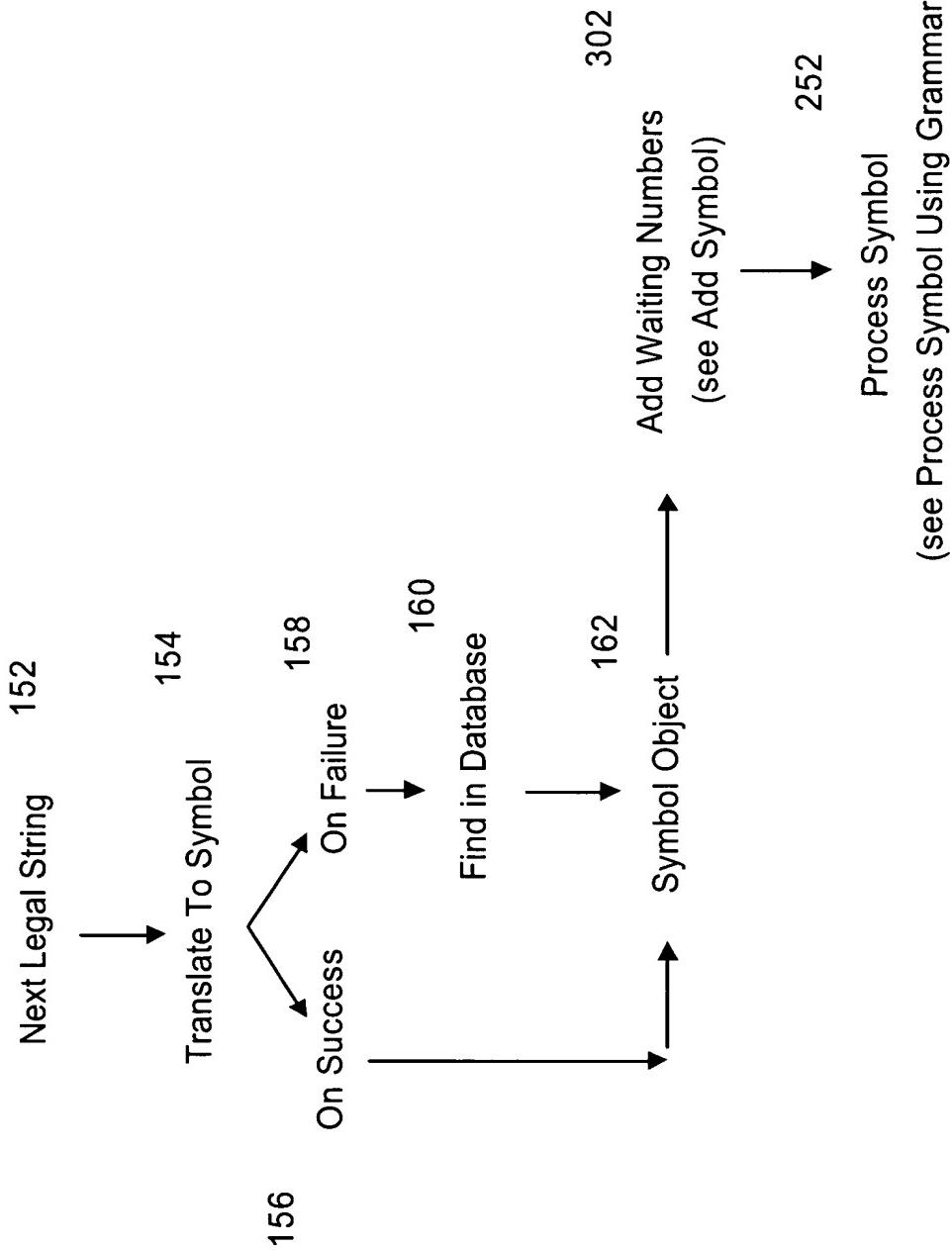
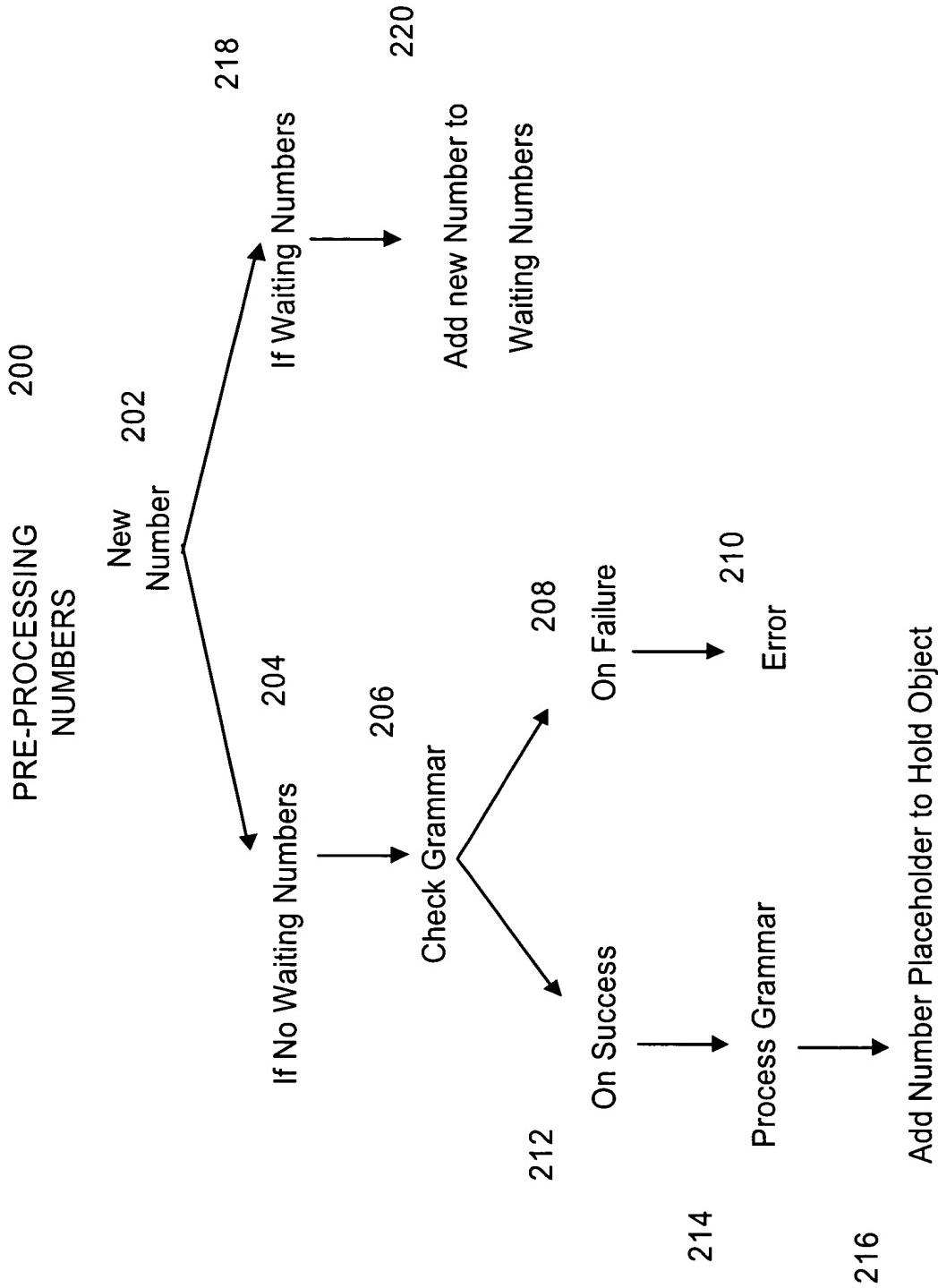


FIG. 4



**FIG. 5**

PROCESS SYMBOL USING GRAMMAR 250

252

Symbol

254

If No Hold Object Waiting

256

Check Grammar

262

On Success

On Failure

260 Process Grammar

264 Auto - insertion

conjunction or verb

266 On Success

On Failure

302 Add Symbol  
(see Add Symbol)

268 On Success

On Failure

278 If Hold Object Waiting

352 Add To Hold Object

(see adding to Temp Object)

280 Success

282 On Failure

284 Process Hold Object

286 On Success

288 On Failure

290 Error

292 Process Symbol

276 User - Choice

FIG. 6

ADD SYMBOL 300

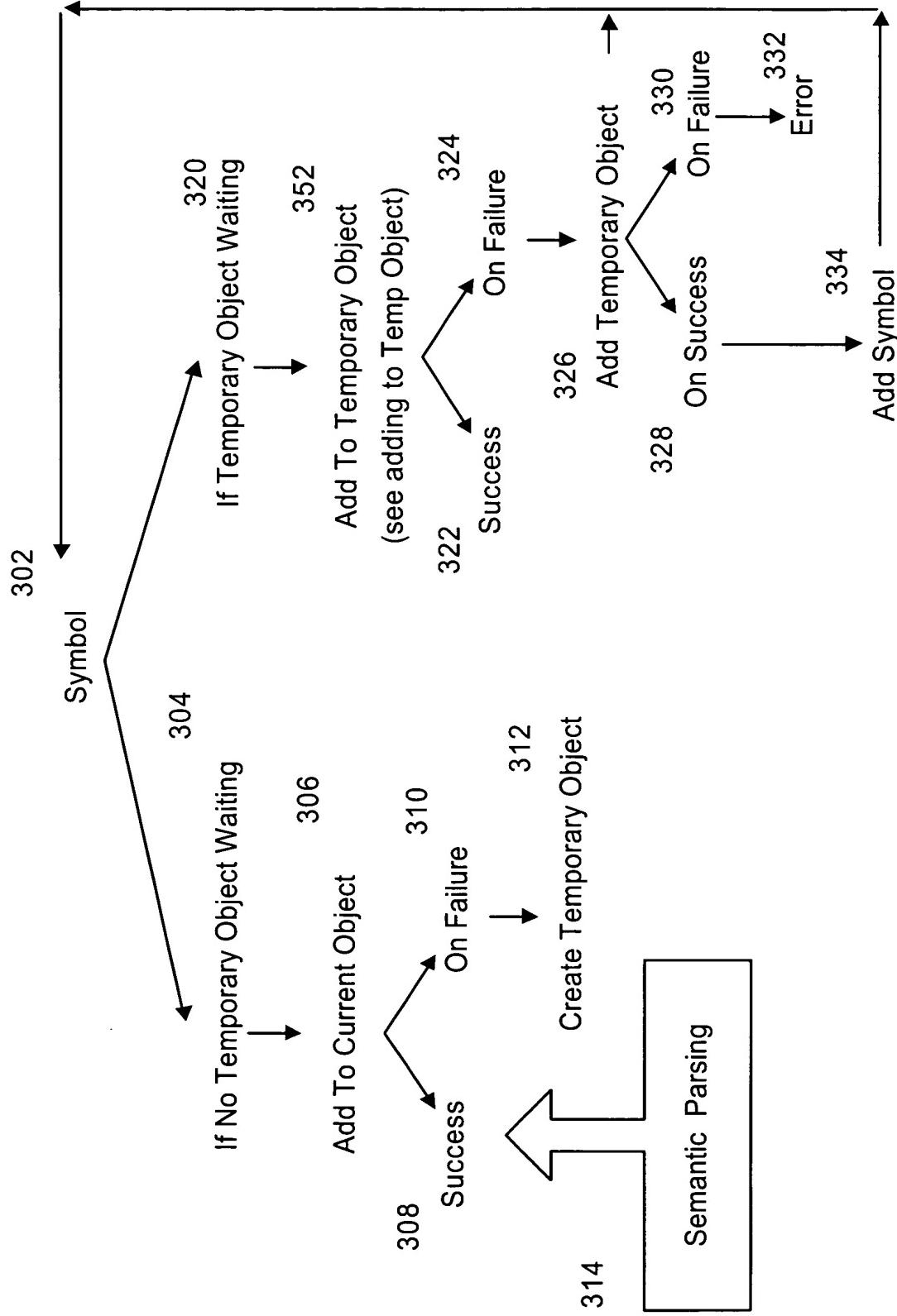


FIG. 7

ADD SYMBOL TO TEMPORARY OBJECT 350

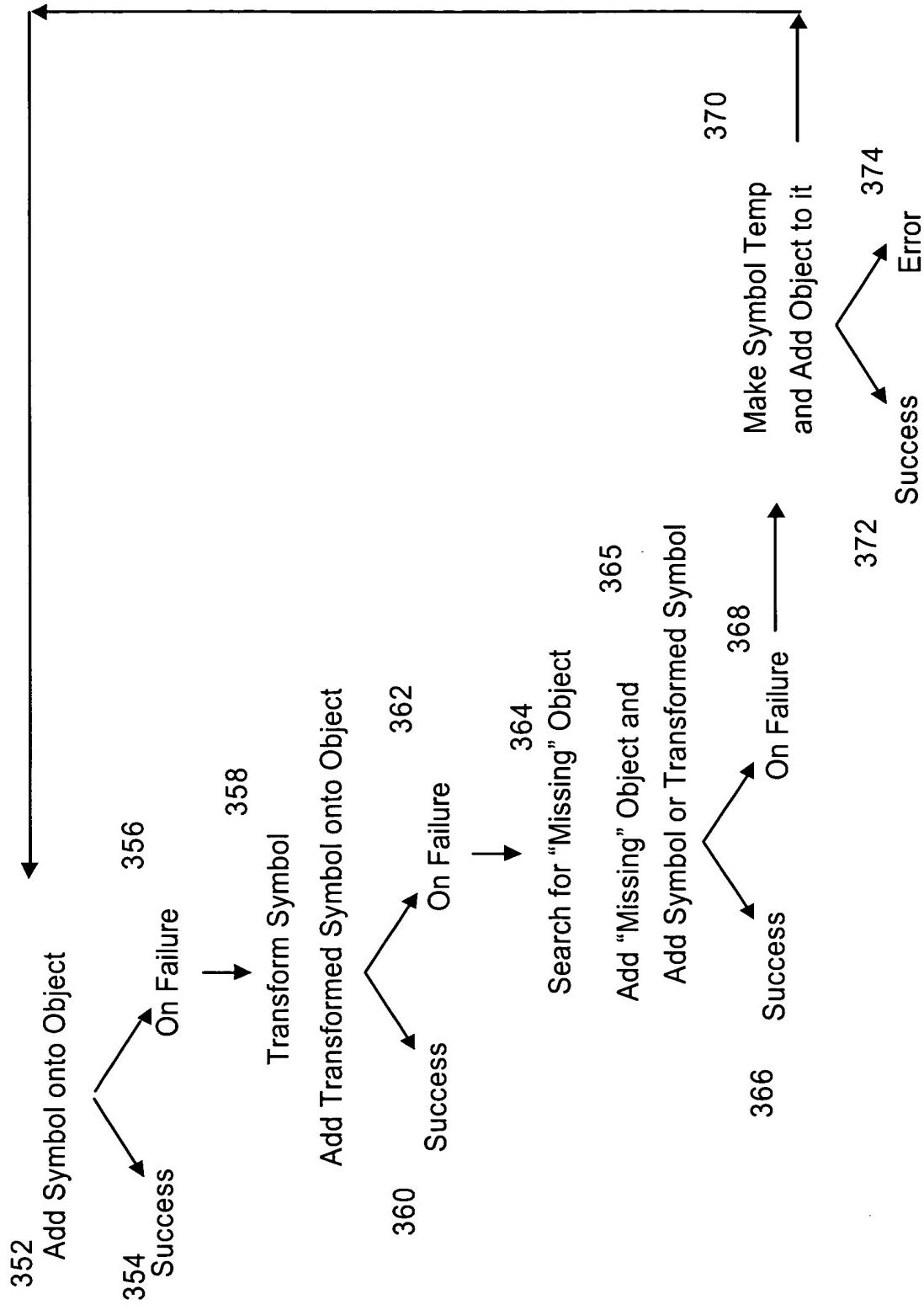


FIG. 8

SEND COMMAND (PART 1) 400

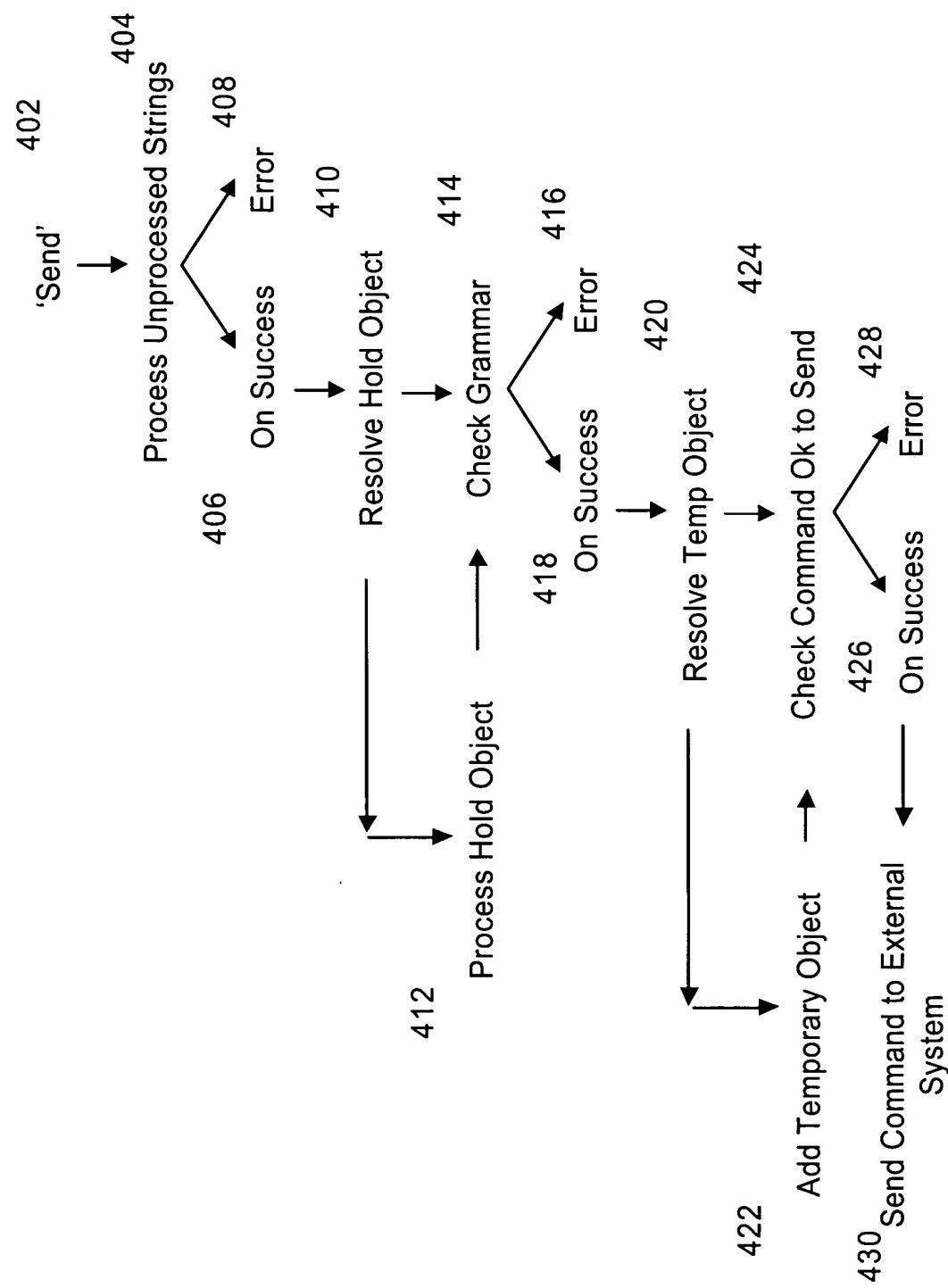


FIG. 9A

SEND COMMAND (PART 2) 400

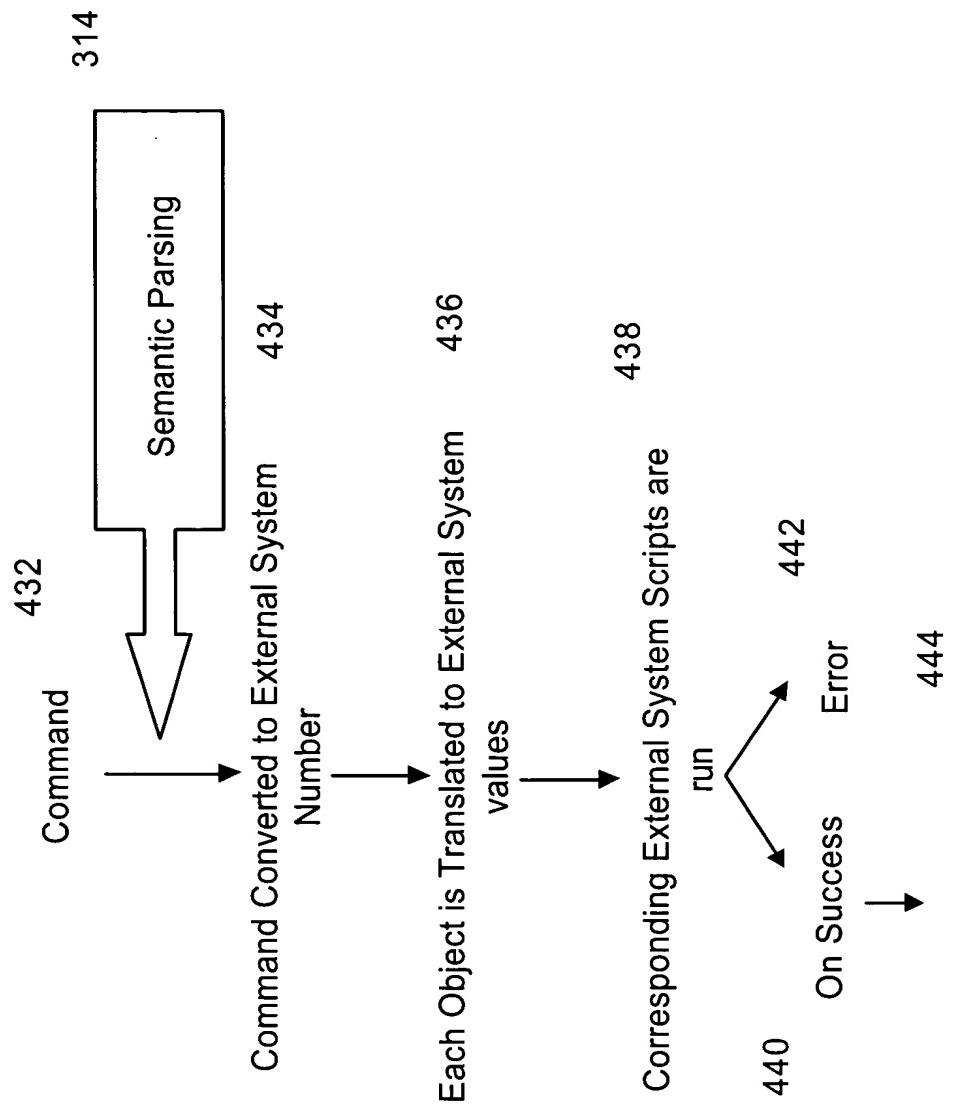


FIG. 9B